

Communication and Bio/Nano Networking Technology

Objectives

- 1) To promote collaborative research activities in Infrastructure Thrust Area, focusing on Communications and Bio/Nano Networking Technologies among researchers from major institutions in USA and KOREA.
- 2) To provide the forum for technical information exchange and networking among researchers in USA and KOREA.

Scope

- 1) This symposium will address Communications and Networking Technologies (CNT), focusing on emerging technologies and applications. With the successful of global Internet and introduction of wireless mobile communications, CNT becomes very important and has been a key technical area to future network-centric systems across both commercial and military sectors.
- 2) This symposium will cover a wide spectrum of technologies, from wireless, satellite, cellular to mobile networking, to emerging cognitive radio networking.
- 3) This symposium will provide the opportunities to explore research collaboration among participating researchers in the USA and KOREA.

Topics

- 1) Bio-inspired Networking Technology
- 2) Nano Networking Technology
- 3) Next Generation Wireless Technology (Sensor, RFID, UWB)
- 4) Emerging Technologies (dynamic spectrum access, MIMO, directional network)
- 5) Adaptive MANET and Cognitive Radio Networking Technology
- 6) Future Internet Technology

Symposium Chair and Co-Chairs & Committee Members

United States	Korea
Chair & Co-Chair	
Dr. Jae Hoon Kim (Chair) (Boeing Research & Technology)	TBD
Organizing Committee	
Myung Jong Lee (CUNY) Bo Ryu (San Diego Research Center) Injong Rhee (North Carolina State University) Sang Wu Kim (Iowa State University)	Dan Keun Sung (KAIST) Young-Hwan Lee (Seoul National University) Sung Jeong (KAIST) Sunghyun Choi (Seoul National University)
Advisory Committee	
Thomas Henderson (Boeing Phantom Works) Steven Low (Caltech) Byung Kwan Yi (LG Electronics Mobile Research)	Hwang Soo Lee (KAIST) Jae Hong Lee (Seoul National University) Sang Sun Lee (Hangyang University)

Invited Speakers (TBD)

Mario Gerla (UCLA)
Babak Daneshrad(UCLA)
Sumit Roy (University of Washington)
Babak Daneshrad (Caltech Fastsoft)
Steven Low (Caltech)
Claudiu Danilov (Boeing Research & Technology)

Hyung Kyu Lim (Samsung)